1. How do you distinguish between shutil.copy() and shutil.copytree()?

**Ans: shutil.copy() copies single file while shutil.copytree() will copy entire folder along with contents.**

1. What function is used to rename files??

**Ans: shutil.move() function is used to rename and move a file.**

1. What is the difference between the delete functions in the send2trash and shutil modules?

**Ans: The send2trash function moves a file or folder to recycle bin while shutil functions deleted files and folders permanently.**

1. ZipFile objects have a close() method just like File objects’ close() method. What ZipFile method is equivalent to File objects’ open() method?

Ans: zipfile.ZipFile() function is equivalent to the open() function.

1. Create a programme that searches a folder tree for files with a certain file extension (such as .pdf or .jpg). Copy these files from whatever location they are in to a new folder.

Ans:

**import os, shutil**

**def moveMyFile(folder):**

**for root, dirs, files in os.walk(folder):**

**for file in files:**

**if file.endswith('.pdf'):**

**image\_path=os.path.join(root,file**

**print('location: ',image\_path)**

**shutil.copy(image\_path, '/home/arun/library/readbooks')**

**moveMyFile ('/home/arun/books/')**